

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No: To Be Assigned  
Applicants: Akihiko IGUCHI, et al.  
Filed: Herewith  
Title: ANTENNA DEVICE AND WIRELESS COMMUNICATION DEVICE  
USING THE SAME  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Confirmation No.: To Be Assigned  
Docket No.: MAT-8860US

**INFORMATION DISCLOSURE STATEMENT*****Mail Stop PCT***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO SB/08(a) and PTO SB/08(b) form submitted herewith. A copy of the references listed on the PTO SB/08(a) and PTO SB/08(b) are enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) 2003-124730

- 2) 11-150415
- 3) WO 99/28990
- 4) 2003-504902
- 5) 2003-332831
- 6) 08-250917
- 7) 06-042605
- 8) 2001-526481
- 9) 2003-133844
- 10) 2000-151258
- 11) 11-312923
- 12) 3460653
- 13) 2000-068736
- 14) 11-530597

References 1) to 3), 5), 6), 9) to 11) and 13) include an English language abstract, and References 4), 7), 8), 12) and 14) include an English language abstract from WO 01/03238, JP 62-036902, WO 99/30385, JP 2001-196840 and WO 99/28990, respectively. In addition Reference 14) has a "concise explanation" under 37 CFR § 1.98(a)(3) as set forth in the background portion of the specification.

Further, References 1) to 13) were cited in a search report by a foreign Patent Office in a patent application corresponding to the above-identified patent application. A copy of the Japanese language search report, and a copy of an English translation of Form PCT/ISA/210 to explain the special category definitions of the Japanese language search report, are enclosed. MPEP Section 609 IIIA(3), second paragraph.

MAT-8860US

1AP20 Rec'd PCT/PTO 2 PATENT 2006

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

  
Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/fp

Enclosures: PTO/SB/08A and PTO/SB/08B  
(19) References  
Japanese Search Report  
English translation of Form PCT/ISA/210

Dated: June 22, 2006

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

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DENNIS MCDERMOTT

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1449-PTO 22 JUN 2006

PTO/SB/08A (AW 4/25/03) (04-03)

Approved for use through 04/30/2004. OMB 0651-0031

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

Application Number

To Be Assigned

10/584000

Filing Date

Herewith

First Named Inventor

Akihiko IGUCHI, et al.

Art Unit

To Be Assigned

Examiner Name

To Be Assigned

Attorney Docket No.

MAT-8860US

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 2003-124730 A (with English abstract)	04/25/03	NOKIA CORP		<input type="checkbox"/>
		JP 11-150415 A (with English abstract)	06/02/99	TOSHIBA CORP		<input type="checkbox"/>
		WO 99/28990 A1 (with English abstract)	06/10/99	KABUSHIKI KAISHA TOSHIBA		<input type="checkbox"/>
		JP 2003-504902 A (with English abstract from counterpart WO 01/03238 A1)	02/04/03	SIEMENS AKTIENGESELLSCHAFT		<input type="checkbox"/>
		WO 01/03238 A1 (Abstract only)	01/11/01	SIEMENS AKTIENGESELLSCHAFT		<input type="checkbox"/>
		JP 2003-332831 A (with English abstract)	11/21/03	SMKR & D KK/SMK CORP		<input type="checkbox"/>
		JP 08-250917 A (with English abstract)	09/27/96	MATSUSHITA ELEC IND CO LTD		<input type="checkbox"/>
		JP 06-042605 B2 (with English abstract from counterpart JP 62-036902)	06/01/94	TOYOTA MOTOR CORP		<input type="checkbox"/>
		JP 62-036902 (Abstract only)	02/17/87	TOYOTA MOTOR CORP		<input type="checkbox"/>
		JP 2001-526481 A (with English abstract from counterpart WO 99/30385)	12/18/01	CONSUMER ELECTRONICS INC.		<input type="checkbox"/>
		WO/99/30385 (Abstract only)	06/17/99	CONSUMER ELECTRONICS INC.		<input type="checkbox"/>
		JP 2003-133844 A (with English abstract)	05/09/03	MURATA MFG CO LTD		<input type="checkbox"/>
		JP 2000-151258 A (with English abstract)	05/30/00	MURATA MFG CO LTD		<input type="checkbox"/>
		JP 11-312923 A (with English abstract)	11/09/99	MURATA MFG CO LTD		<input type="checkbox"/>
		JP 3460653 B2 (with English abstract from counterpart JP 2001-196840)	08/15/03	MURATA MFG CO LTD		<input type="checkbox"/>
		JP 2001-196840 (Abstract only)	07/19/01	MURATA MFG CO LTD		<input type="checkbox"/>
		JP 2000-068736 A (with English abstract)	03/03/00	TOSHIBA CORP		<input type="checkbox"/>
		JP 11-530597 (with English abstract from counterpart WO 99/28990)	12/01/98	KABUSHIKI KAISHA TOSHIBA		<input type="checkbox"/>
		JP WO/99/28990 (Abstract only)	06/10/99	KABUSHIKI KAISHA TOSHIBA		<input type="checkbox"/>

Examiner  
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<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APPROVED FOR PTO 22 JUN 2006

PTO/SB/08B (AW 4/25/03) (04-03)

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Examiner Name

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Attorney Docket No.

MAT-8860US

SHEET 2 of 2

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Japanese Search Report for Application No. PCT/JP2006/301499 dated February 28, 2006.	<input type="checkbox"/>
		English translation of Form PCT/ISA/210.	<input type="checkbox"/>
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<sup>1</sup>Applicant's unique citation designation number (optional).

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